

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016155.D
 Acq On : 12 Aug 2020 12:51
 Operator : SY/VA
 Sample : L3599-15
 Misc : 6.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:26:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	458633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112213	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
7) Chloroethane-d5	2.89	69	84195	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	181802	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.09	46	62130	41.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.04%
24) Chloroform-d	7.65	84	256680	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	135629	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	8.27	84	507549	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.27	67	149801	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.32	98	447210	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	10.58	79	61938	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	10.93	63	52095	46.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115722	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	100494	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds

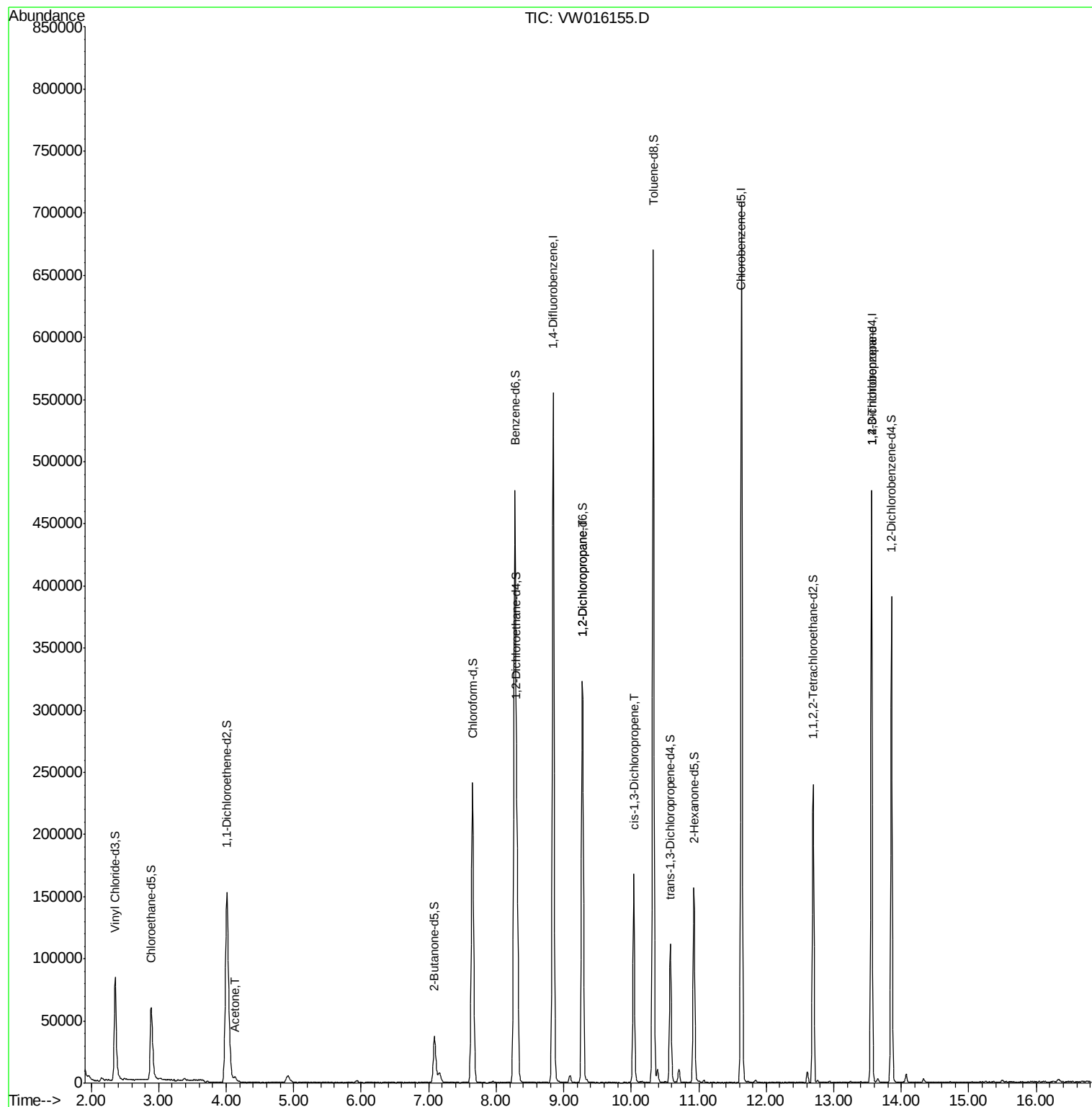
					Ovalue
13) Acetone	4.14	43	6376	5.633 ug/L	80
40) 1,2-Dichloropropane	9.27	63	16848	2.958 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4043	0.466 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	15442	3.896 ug/L	93

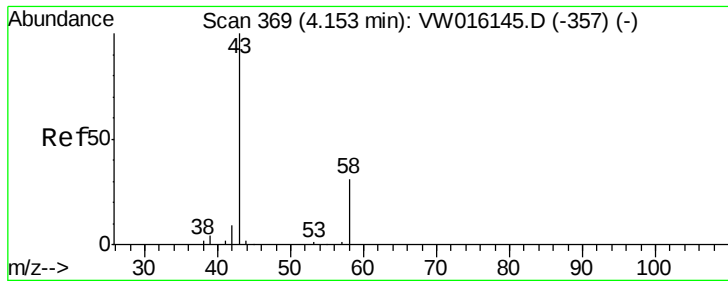
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.633 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016155.D

Acq: 12 Aug 2020 12:51

Instrument :

MSVOA_W

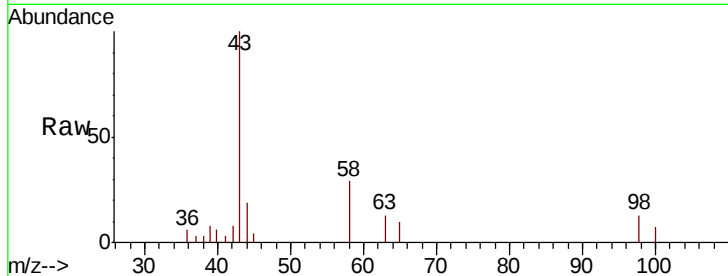
ClientSampleId :

Tot Ion: 43 Resp: 6376

Ion Ratio Lower Upper

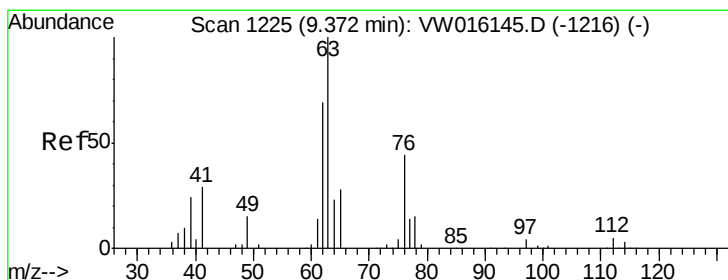
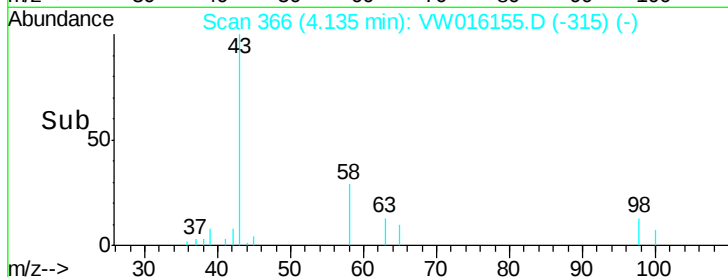
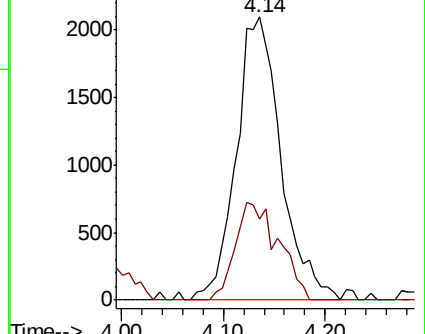
43 100

58 18.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 2.958 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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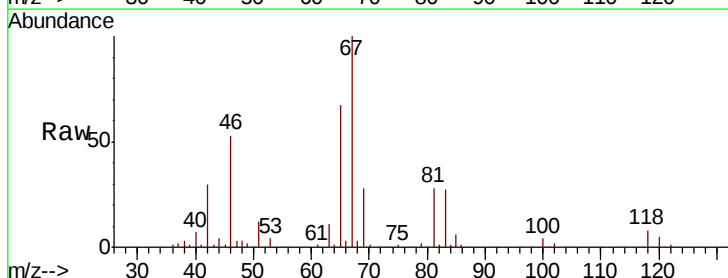
Acq: 12 Aug 2020 12:51

Tgt Ion: 63 Resp: 16848

Ion Ratio Lower Upper

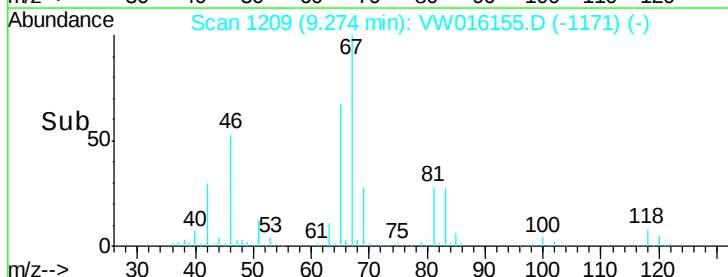
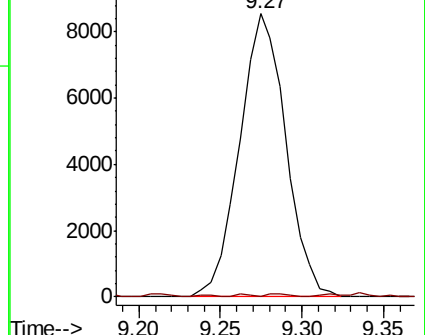
63 100

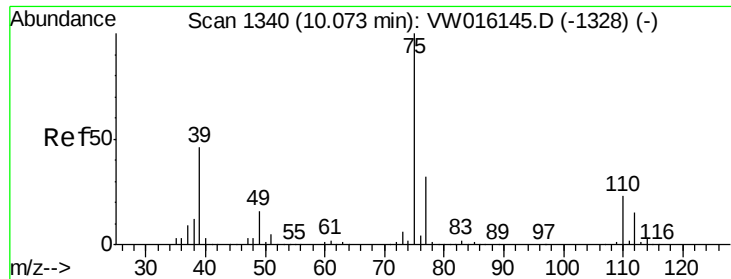
112 0.5 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

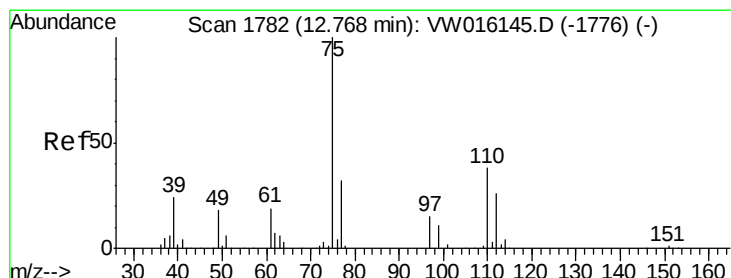
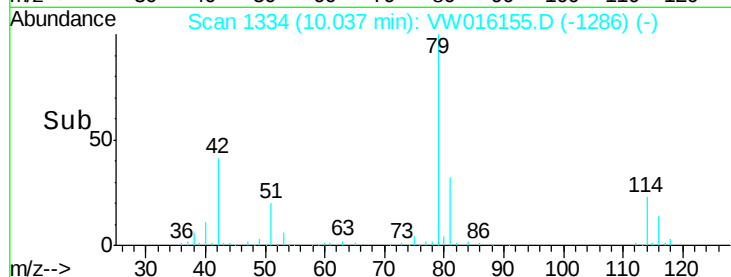
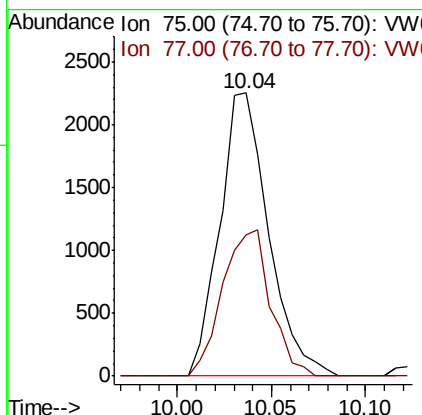
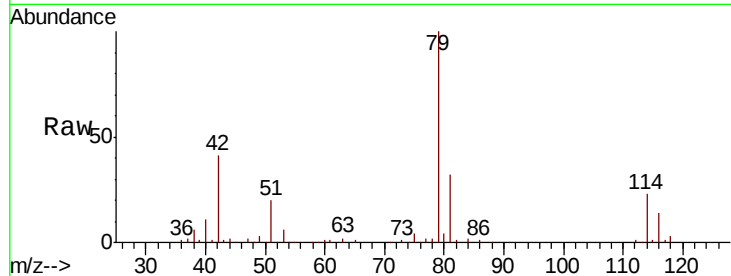




#42
 cis-1,3-Dichloropropene
 Concen: 0.466 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4043
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.9 42.5#



#59
 1,2,3-Trichloropropane
 Concen: 3.896 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016155.D
 Acq: 12 Aug 2020 12:51

Tgt Ion: 75 Resp: 15442
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.9 38.9

